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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/899,404	07/05/2001	Hisao Furukawa	B-4235 618927-6	3517
7590 05/03/2005			EXAMINER	
Richard P. Berg, Esq. c/o LADAS & PARRY Suite 2100 5670 Wilshire Boulevard Los Angeles, CA 90036-5679			LIEN, TAN	
			ART UNIT	PAPER NUMBER
			2141	
DATE MAILED: 05/03/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/899,404

Applicant(s)

FURUKAWA ET AL.

Examiner

Tan Lien

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 February 2005.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4, 6, 7 and 9-19 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 4, 6, 7, 10-12, and 14-19 is/are rejected.
7) ☒ Claim(s) 1, 2, 3, 9, 13 is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☒ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Claims 1-4, 6-7, and 9-19 are presented for examination.

Claims 1-4, 6-7, 9-16, and 18-19 are amended.

Claims 5 and 8 are cancelled.

Claim Objections

Claims 1, 2, 3, 9 and 13 are objected to because they may be allowable and the other claims in the application are not yet in a condition for allowance.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 4, 6, 7, 10-12, and 14-16 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As to claims 4, 6, 7, Examiner and Applicant does not understand (after a phone conversation) the claim language especially in limitation "only when a set of three addresses of an originating internal address assigned at a logic terminal of a

communication....” to the end of the claim. Applicant has agreed to clarify the language in the next response.

All other dependent claims are rejected by virtual of their dependencies.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 17, 18 and 19 are rejected under 35 U.S.C. 102(b) as being anticipated by Mayes et al (US Patent 5,793,763).

Claim(s) 17: Mayes teaches an IP network, wherein

said IP network has access control apparatus, said access control apparatus includes a conversion table which controls conversions from an external packet to an internal packet and from the internal packet to the external packet, said conversion table includes plural records, a terminal address at a destination side is registered as an external destination address item in the record, and only when a destination address is non-private address, the internal packet is transferred in said IP network by regarding the external packet as the internal packet (Abstract of Mayes and FIG. 2; The Translation System is the access control apparatus that includes a conversion table for converting address from local addresses to

global addresses and vice versa, and only when the destination address is local address, the packet from the Internet is regarded as local packet).

Claim(s) 18: Mayes teaches an IP network, wherein said IP network has access control apparatus, said access control apparatus includes a conversion table which controls conversions from an external packet to an internal packet and from the internal packet to the external packet, said conversion table includes plural records, and transmitting permission of the internal packet is decided by designating any one of source transmitting permission and destination transmitting permission in the record, and wherein charging of said IP network is carried out by designation any one of the source transmitting permission and the destination transmitting permission in the record (Abstract and FIG. 2 & 5; The permission to transmit or receive is done by the translation system for security purposes {FIG. 5, ref. 218, 224 & 226}).

Claim(s) 19: Mayes teaches an IP network, wherein said IP network has access control apparatus, said access control apparatus includes a conversion table which controls conversions from an external packet to an internal packet and from the internal packet to the external packet, said conversion table includes plural records, and receiving permission of the designating internal packet is decided by source receiving permission in the record, and wherein charging of said IP network is carried out by designation the source receiving

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permission in the record (Abstract and FIG. 2 & 7; The permission to receive data from the source {source receiving permission} is determined at the address translation system in FIG. 2 before entering the local enterprise network).

Response to Amendment

Applicant's remarks filed 2/7/05 have been fully considered. All the remarks are addressed in the above section. There are no arguments.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Tan Lien whose telephone number is (703) 305-6018. The examiner can normally be reached on Monday-Thursday from 8:30am to 6pm. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia, can be reached at (703) 305-4003. The fax phone number for this Group is (703) 305-3718.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [tan.lien@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C., 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.


RUPAL DHARIA
SUPERVISORY PATENT EXAMINER